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MOHAMED H. ALY

EXPERIENCE

THE ADDRESS HOLDING

Frontend Engineer

Nov 2024 - Present

- **Internal system development:** Built and maintained CRMs and HRMs using Next.js, focusing on performance, scalability, and maintainability.
- **Project ownership:** Spearheaded development of a property listing e-commerce website, authoring 85%+ of the production code.
- **SEO optimization:** Implemented server-side rendering and dynamic routing to maximize organic visibility and meet SEO best practices.
- **Cross-functional collaboration:** Worked closely with designers and backend teams to ensure seamless UI/UX and reliable system integration.

SIDEUP

Senior Frontend Engineer

Dec 2023 – Nov 2024

- **Led and mentored junior engineers:** Cultivated a collaborative environment, fostering skill development and productivity.
- **Hands-on coding leadership:** Prioritized efficient task distribution, tackled complex features, ensuring robust code quality.
- **Stakeholder collaboration:** Provided valuable insights, aligning dashboard direction with user needs and business objectives.
- **Process optimization:** Implemented initiatives to streamline workflows, enhance productivity, and ensure code efficiency and reliability.

SIDEUP

Frontend Engineer

Feb 2023 – Dec 2023

- **Led frontend development:** Spearheaded the creation of a cutting-edge B2C shipping dashboard using React, TypeScript, and Bootstrap, ensuring seamless integration with backend systems.
- **Ensured optimal UX/UI:** Collaborated with UX designers to create an intuitive design, enhancing user satisfaction and usability.
- **Maintained system stability:** Partnered with QA to conduct rigorous testing and debugging, ensuring high reliability and performance.
- **Adapted to new tech:** Quickly mastered Next.js and Material UI to maintain and improve previous versions, demonstrating adeptness in learning new technologies.

ADVANCED COMPUTER TECHNOLOGIES (ACT)

Interface Specialist

Feb 2022 - Feb 2023

- **System Integration Expertise:** Integrated digital subsystems like Door Lock Systems, IPTV, and POS with Property Management Systems for renowned hotel chains, facilitating seamless operations.
- **Agile Collaboration:** Collaborated in agile settings, prioritizing and addressing stakeholder requirements, ensuring effective communication and alignment.
- **Remote Troubleshooting:** Analyzed logs and error codes to troubleshoot issues remotely, minimizing downtime and ensuring prompt issue resolution.
- **Project Coordination Expertise:** Orchestrated the integration of Oracle's Opera Web Services for 480+ Intercontinental Holiday Inn Group (IHG) hotels globally within four months, demonstrating adeptness in coordinating complex projects with multiple stakeholders and ensuring timely execution.

EDUCATION**BACHELOR OF SCIENCE (B.S), MANAGEMENT INFORMATION SYSTEMS, GPA 3.1**

July 2021

Arab Academy for Science & Technology & Maritime Transport

TECHNICAL SKILLS

- HTML5, CSS3 & SASS
- TypeScript
- Redux
- Angular
- PHP
- Data structures
- Serverless
- MongoDB
- PostgreSQL
- Jira
- Bootstrap & Tailwind
- React
- React-Query
- NEXTJS
- Node.js
- Algorithms
- Unit testing
- Redis
- Bash CLI
- CI/CD
- JavaScript
- Axios
- Three.js
- C
- Express
- RESTful APIs
- Docker
- MySQL
- Git & Github
- Firebase

**PROJECTS &
COURSES/CERTIFICATES**

A comprehensive list of all the projects I've contributed to, including detailed descriptions and the technologies utilized, can be found in my [online portfolio](#). Additionally, my completed courses and certificates are available there as well.
